Chemical Technician, Advanced Certificate - Pathway 1

This program map represents one possible path for completing this program. **Please see a counselor** to create an educational plan that is customized to meet your needs. This path is not a guarantee of course availability or financial aid applicability.

Catalog: 2026-27

Total Units: 17-18

Start Term: Fall

First Year

Semester 1

5-6 Units

CAT.	COURSE	TITLE	UNIT
Maj	CHEMT 201	Careers in Chemical Technology	2
ME		*Major Elective	3-4

*Major Elective - A minimum of 3 units from the following: ENGL C1000^, ENGL 488(H)+, ENGL C1001+, ENGL C1001H+, ESLW 340+

^If you don't place directly in ENGL C1000 (check your eServices account), you will need to take ENGWR 80/ENGL C1000 combo course.

Prerequisite for ENGL 488(H): Placement through assessment process; or ESL 325 (Advanced-Low Integrated Reading and Writing) with a grade of "C" or better

+Prerequisite for ENGL C1001 & ENGL C1001H: College-level composition (ENGL C1000/ENGL 488/C-ID ENGL 100) or equivalent

+Prerequisite for ESLW 340: ESL 325 with a grade of "C" or better; or, for students not previously enrolled in ESL writing courses within the Los Rios district, placement through the Los Rios assessment process

Semester 2

5 Units

CAT.	COURSE	TITLE	UNIT
Maj	CHEM 410	Quantitative Analysis	5

+Prerequisite for CHEM 410: CHEM 401 with a grade of "C" or better

***CHEM 410 is only offered during the spring semester.**

Second Year

Semester 3

6 Units

CAT.	COURSE	TITLE	UNIT
Maj	CHEMT 424 +	Instrumentation	2

Legend

- **(H)** - Honors
- **Elec** - Elective
- **GE** - General Education
- **Maj** - Required Core
- **ME** - Major Elective

Disclaimer

Every effort has been made to ensure that what is listed in the SCC Program Paths are accurate. The courses, the course sequencing, and the programs are subject to change without notice by the administration of the Los Rios Community College District and Sacramento City College at the discretion of the district and Sacramento City College. Further, Sacramento City College reserves the right to amend any course or program.

PLEASE SEE AN SCC COUNSELOR.

Certificate of Achievement Requirements

Certificates of Achievement require a grade of "C" or better in each major course.

Counselor Notes

CAT.	COURSE	TITLE	UNIT
Maj	CHEMT 429+	Research in Chemistry	1
Maj	BUS 310+	Business Communications	3

+Prerequisite for CHEMT 424: CHEM 410 or 420 with a grade of "C" or better

+Prerequisite for CHEMT 429: CHEM 410 with a grade of "C" or better

+Prerequisite for BUS 310: BUS 100, ENGL C1000, or ESLW 340 with a grade of "C" or better

Semester 4

1 Units

CAT.	COURSE	TITLE	UNIT
Maj	CHEMT 297+	Post Practicum Seminar in Chemical Technology	1

+Prerequisite for CHEMT 297: CHEMT 201, 424 and 429 with grades of "C" or better

This program has many Chemistry prerequisites. Students are encouraged to contact a counselor for course sequence adjustments.

Department Notes

There are two pathways students can take to receive the advanced chemical technician certificate:

- Pathway 1 is recommended for students who want to pursue analytical techniques (emphasis on quantitative analysis).
- Pathway 2 is recommended for students who plan to pursue organic analysis.

Important Links

- SCC General Counseling
- Chemistry
- Science, Math, & Engineering Meta Majors

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